

10/20/00

Please type a plus sign (+) Inside box

10-23-00

A

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	112025-0178
First Inventor or Application Identifier Lorenzo Vicisano et al.	
Title	ROUTER-ASSISTED MULTICAST CONGESTION CONTROL
Express Mail Label No.	EL705757989US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

1. *Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. Specification [Total Pages **27**]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) [Total Sheets **7**]4. Oath or Declaration [Total Pages **3**]a. Newly executed (original copy)b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- 6. Microfiche Computer Program (Appendix)
- 7. Nucleotide and/or Amino Acid Sequence Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (Identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 8. Assignment Papers (cover sheet & document(s))
- 9. Statement (when there is an assignee)
- 10. English Translation Document (if applicable)
- 11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 12. Preliminary Amendment
- 13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 14. Statement(s) Statement filed in prior application, ((PTO/SB/09-12)) Status still proper and desired
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Other:

***NOTE FOR ITEMS 1& 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27). EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28).**

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner _____

Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label
(Insert Cus

or Correspondence address below

24267

PATENT TRADEMARK OFFICE

Name	A. Sidney Johnston				
Address	Cesari and McKenna 88 Black Falcon Avenue				
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500		Fax (617) 951-3927

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548
-------------------	--------------------	-----------------------------------	--------

Signature			
-----------	--	--	--

Date October 20, 2000

10-20-00

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) **840**

Complete If Known

Application Number	Not Yet assigned
Filing Date	October 20, 2000
First Named Inventor	Lorenzo Vicisano et al.
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	112025-0178

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **03-1237**

Deposit Account Name **Cesari and McKenna, LLP**

Charge Any Additional Fee Charge the Issue Fee Set in Required Under 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance
37 C.F.R. §§1.16 and 1.17

2. Payment Enclosed:

Check Money Other Order

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee	
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	390	216	195 Extension for reply within second month
117	890	217	445 Extension for reply within third month
118	1,390	218	695 Extension for reply within fourth month
128	1,890	128	945 Extension for reply within fifth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,240	241	620 Petition to revive - unintentional
142	1,240	242	620 Utility Issue fee (or reissue)
143	440	243	220 Design Issue fee
144	600	244	300 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	710	246	355 Filing a submission after final rejection (37 CFR 1.129(a))
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify) _____			
Other fee (specify) _____			
SUBTOTAL (3) (\$)			40

*Reduced by Basic Filing Fee Paid

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee	
101	710	201	35 Utility filing fee
106	320	206	160 Design filing fee
107	490	207	245 Plant filing fee
108	710	208	355 Reissue filing fee
114	150	214	75 Provisional filing fee
SUBTOTAL (1) (\$)			710

2. EXTRA CLAIM FEES

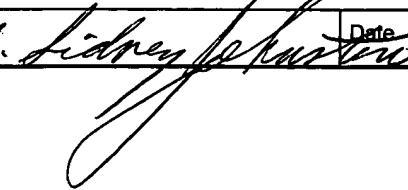
Total Claims	Extra Claims	Fee from below	Fee Paid
25	20**	= 5 x 18 =	90
Independent Claims 3	3**	= 0 x 80 =	0
Multiple Dependent		= 0 =	0

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
Claims in excess of 20		
Independent claims in excess of 3		
Multiple dependent claim, if not paid		
**Reissue independent claims over original patent		
**Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2) (\$)		
90		

COMPLETE (if applicable)

Submitted By	A. Sidney Johnston		
Typed or Printed Name		Reg. Number	29,548
Signature		Date	October 20, 2000
		Deposit Account User ID	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Lorenzo Vicisano et al.)
)
Serial No.: Not Yet assigned) Examiner: Not yet assigned
)
Filed: October 20, 2000)
) Art Unit: Not yet assigned
For: ROUTER-ASSISTED MULTICAST)
CONGESTION CONTROL)
)
) Cesari and McKenna, LLP
) 88 Black Falcon Avenue
Boston, MA 02210
October 20, 2000

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EL705757989US

The following papers are being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

Patent Application (27 pages including 25 claims)
 Declaration and Power of Attorney
 Utility Patent Application Transmittal Letter
 Formal Drawing (7 sheets) Fee Transmittal Letter
 Assignment With Recordation Form Cover Sheet
 Check in the amount of \$840.00